

# **RECTANGULAR POWER CONNECTORS**















TE Internal Number: 640581-1 Alias ID: 405000886

TE CONNECTIVITY (TE)



06P UMNL PLUG HSG MATE-N-LOK | Universal MATE-N-LOK

Product Type Housing

Housing Type Plug

Connector System Wire-to-Wire

Applies To Wire/Cable

Number of Positions 6



**PRODUCT DRAWING** 

3D PDF

**Product Drawings** 

PLUG, 6 CIRCUIT, UNIVERSAL MATE-N-LOK(TM)

PDF **English** 

**CAD Files** 

3D PDF

PDF

Customer View Model

2D\_DXF.ZIP English

**Customer View Model** 

3D\_IGS.ZIP English

Customer View Model

3D STP.ZIP English

Catalog Pages/Data Sheets

SOFT\_SHELL\_PIN\_SOCKET\_CONNECTORS\_STANDARD\_DENSITY

PDF **English** 

**Product Specifications** 

**Product Specification** Universal MATE-N-LOK Connector

PDF **English** 

Application Specification Universal MATE-N-LOK Connectors

PDF **English** 

Product Environmental Compliance

TE Material Declaration MD\_640581-1\_12122015141\_dmtec

PDF English

Instruction Sheets

Instruction Sheet (U.S.)

**Universal MATE-N-LOK Connectors** 

PDF **English** 

Universal, Commercial, And .140 MATE-N-LOK Contact And Housing Selection Charts

PDF **English** 

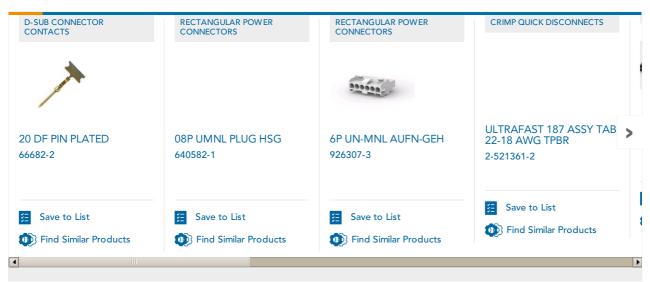
Please review product documents or contact us for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

| Product Type Features      | Product Type                 | Housing                     |
|----------------------------|------------------------------|-----------------------------|
|                            | Housing Type                 | Plug                        |
|                            | Contact Type                 | Pin or Socket               |
|                            |                              |                             |
| Configuration Features     | Number of Positions          | 6                           |
|                            | Centerline                   | 6.35 mm [ .25 in ]          |
|                            | Number of Rows               | 1                           |
|                            | Multiple Contact Types       | Without                     |
|                            | Contact Layout               | Inline                      |
| Electrical Characteristics | Operating Voltage (VAC)      | 600                         |
| Electrical Characteristics | Operating Voltage (VDC)      | 600                         |
|                            | operating voltage (190)      | •••                         |
| Contact Features           | Contact Retention            | Without                     |
| Mechanical Attachment      | Assembly Integration Feature | Without                     |
|                            | Panel Mount Retention        | Without                     |
| Housing Features           | UL Flammability Rating       | UL 94V-0                    |
|                            | Housing Color                | Natural                     |
|                            | Housing Material             | Nylon GF                    |
|                            |                              |                             |
| Dimensions                 | Width (mm)                   | 7.62                        |
|                            | Length (mm)                  | 39.37                       |
| Usage Conditions           | Sealed Condition             | Not Sealed                  |
| Operation/Application      | Connector System             | Wire-to-Wire                |
|                            | Applies To                   | Wire/Cable                  |
|                            | Operating Temperature        | -55 – 125 °C [-67 – 257 °F] |
|                            |                              |                             |

| Industry Standards | Glow Wire Rating            | Standard Part - Not Glow Wire      |
|--------------------|-----------------------------|------------------------------------|
|                    | UL Rating                   | Recognized                         |
|                    | CSA File Number             | LR7189                             |
|                    | Agency/Standard             | CSA, UL                            |
|                    | VDE Tested                  | Yes                                |
|                    | CSA Rating                  | Certified                          |
|                    | Agency/Standard Number      | E28476                             |
|                    |                             |                                    |
| Packaging Features | Packaging Method            | Package                            |
|                    | Packaging Quantity          | 1                                  |
|                    |                             |                                    |
| Other              | For Use With                | Universal MATE-N-LOK Cap or Header |
|                    |                             |                                    |
| Product Compliance | Statement of Compliance PDF |                                    |

VIEW ALL PRODUCT COMPLIANCE

# **CUSTOMERS ALSO BOUGHT**







Connectors - Rectangular Power Connectors MATE-N-LOK | Universal MATE-N-LOK

# 06P UMNL PIN HDR ASSY AU LF - 641831-3

TE INTERNAL NUMBER: 641831-3

✓ Active

### Always EU RoHS/ELV Compliant



### RELATIONSHIP

# Contacts

Identifies Contacts compatible with a given Housing

See All Contacts



#### PRODUCT - CONTACTS

Connectors - Power Contacts MATE-N-LOK | Universal MATE-N-LOK

# **UMNL PIN 20-14** .0125PTPPHBZ 350218-3

TE INTERNAL NUMBER: 350218-3 ALIAS ID: 403431893

✓ Active

### Always EU RoHS/ELV Compliant

Product Type Contact

Contact Current Rating 19 A

Operating Voltage 600 VAC

Wire/Cable Size 20 - 14 AWG

Wire/Cable Size .5 - 2 mm²

#### RELATIONSHIP

#### **Contacts**

Identifies Contacts compatible with a given Housing

See All Contacts



# PRODUCT - CONTACTS

Connectors - Power Contacts MATE-N-LOK | Universal MATE-N-LOK

# UMNL SOK 20-14 PTPBR L/P - 350551-1

TE INTERNAL NUMBER: 350551-1 ALIAS ID: AMPS-0-0350551-1, D75624-000

✓ Active

### Always EU RoHS/ELV Compliant

Product Type Contact

Contact Current Rating 19 A

Operating Voltage 600 VAC

Operating Voltage 600 VDC

Wire/Cable Size 20 - 14 AWG

